Metcalf & Eddy
An Air & Water Technologies Company

July 7, 1995

Delivered Via Facsimile and Certified Mail
Return Receipt Requested

Mr. Edward J. Hanlon, Project Coordinator
U.S. Environmental Protection Agency, Region 5
Office of Superfund, Remedial & Enforcement Response Branch
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Subject: Granville Solvents Site Removal Action Monthly Report - June 1995

Dear Mr. Hanlon:

On behalf of the Granville Solvents Site PRP Group, Metcalf & Eddy, Inc. submits the June 1995 Monthly Report for the Removal Action at the Granville Solvents Site. Copies have been sent to the following individuals:

Mr. Steve Acree, U.S. EPA
Mr. Mike Anastasio, U.S. EPA
Mr. Fred Myers, Ohio EPA
Mr. Doug Plunkett, Village of Granville

If you have questions regarding this submittal, please contact Michael Raimonde or me at (614) 890-5501.

Respectfully,

METCALF & EDDY, INC.

Gerald R. Myers
Vice President/Project Coordinator

cc: B. Pfefferle, Chairman - GSS PRP Group
M. Raimonde, M&E

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GRANVILLE SOLVENTS SITE
REMOVAL ACTION

MONTHLY REPORT
JUNE 1995

This monthly report meets the requirement set forth in the Administrative Order on Consent (AOC, September 7, 1994) between the U.S. EPA and the Granville Solvents Site (GSS) Potentially Responsible Parties (PRP) Group in Section 2.5 - Reporting. The AOC requires the submission of a monthly written progress report concerning actions undertaken pursuant to the AOC.

I. PROGRESS MADE DURING REPORTING PERIOD

Source Area Groundwater Control

The groundwater pumping and treatment system operated for a total of 675.15 hours (93.3% of the total time available) during the month of June and processed approximately 10 million gallons of water . Since operation began, the system has processed more than 62 million gallons of water. During the reporting period, the system was shutdown for a total of 47.85 hours to remove scale from wetted surfaces of the air stripper by washing with acid. Other scheduled maintenance was performed on the treatment system to ensure peak operation and treatment of the extracted water including: replacement of the bag filters, lubrication of the motors, checking the control panel and level sensors, and cleaning flow sensors.

Water samples were collected from the system's influent and effluent sampling ports on June 17, 1995. The analytical results are presented in Table 1.

TABLE 1

VOCS	INFLUENT	EFFLUENT
1,1,1-trichloroethane	33 µg/l	0.6j[1] µg/l
cis-1,2-dichloroethene	15 µg/l	2 µg/l
tetrachloroethene	75 µg/l	1 µg/l
trichloroethene	48 µg/l	2 µg/l

[1]j - The mass spectrum indicates the presence of the compound, but the calculated result is less than the method specified reporting limit. The reported level of 1,1,1-trichloroethane in the effluent sample is below the Federal and State Drinking Water Level (MCL) of 200 µg/l.

Assuming that the samples above represent typical influent and effluent water and that a total of 10 million gallons of water were processed, approximately 0.48 lbs/day of VOCs were discharged to the air during this reporting period.

Currently GSS-EW1 and GSS-EW2 are operating at approximately 155 gallons per minute (gpm) and 91 gpm, respectively.

Air samples were collected during the reporting period as described in the Air Monitoring Plan.

Comments from the U.S. EPA were received on June 29, 1995 regarding the Work Plan and Ground water Monitoring Plan submitted on May 19, and June 12,1995

Technical Evaluation of Alternatives for Reinstating the capacity of PW-1

The Technical Evaluation of alternatives for reinstating the capacity of PW-1 was submitted to the U.S. EPA on July 6, 1995.

Source Area Soils

The Design Technical Memorandum for Remediation of Impacted Soils was submitted to the U.S. EPA on July 6, 1995. The technical memorandum includes: 1) a summary of site background information and soil analytical data; 2) The development of risk-based preliminary remediation goals; 3) a preliminary evaluation of candidate soil treatment alternatives; 4) a proposed plan for the collection of additional soil data.

Active or Completed Tasks

The following specific tasks were also completed during the reporting period:

- Collected water samples on June 17, 1995, from the treatment system influent and effluent sampling ports.
- Collected ambient air samples from nine air monitoring stations surrounding the Site on June 18, 1995.
- Data needs for the Engineering Evaluation Alternative Assessment for the Source Area Soils have been identified.
- Preliminary evaluation of technologies for Source Area Soils for soil remediation has been conducted and is presented in the Design Technical Memorandum for Remediation of Impacted Soils.
- Alternatives for reinstating the capacity of PW-1 have been conducted and are presented in the Technical Evaluation of Alternatives for Reinstating the Capacity of PW-1.
- Risk-based Preliminary Remediation Goals (PRGs) are being developed for site soils and are presented in the Design Technical Memorandum for Remdiation of Impacted Soils.

II. DELIVERABLES (THIS PERIOD AND NEXT PERIOD)

CURRENT PERIOD:

Deliverable	Due Date	Delivered
June Monthly Report	July 7, 1995	July 7, 1995

NEXT PERIOD:

Deliverable	Due Date	Delivered
Treatability Period Report to U.S. EPA	July 19,1995	
Revised Work Plan for Removal Action	TBD	
Revised Groundwater Monitoring Program Plan	TBD	
July Monthly Report	August 7, 1995	
Technical Evaluation Report to U.S. EPA	July 6, 1995	July 6, 1995
Design Technical Memorandum for The Source Area Soils	July 6, 1995	July 6, 1995

III. DIFFICULTIES ENCOUNTERED AND REMEDIAL ACTIONS TAKEN THIS PERIOD

- No difficulties were encountered during this reporting period.

IV. ANTICIPATED ACTIVITIES DURING NEXT REPORTING PERIOD

During the next reporting period, the following tasks are scheduled to be performed:

- Collect potentiometric surface data.
- Sample treatment system influent/effluent water.
- Meeting with US EPA to discuss recommended alternative for comments on Work Plan , Ground Water Monitoring Program Plan, Reinstatement of Capacity of PW-1, and Remediation of Impacted Soils.
- Scheduled maintenance of the system which will include the following:
  - lubricate all the motors
  - remove and check level sensor
  - confirm and/or calibrate pumping rates of the extraction pumps
  - replace bag filters as needed